

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		US-			

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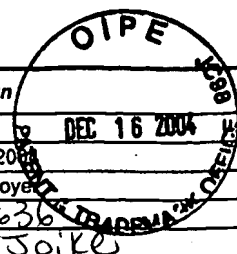
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
/MKJ/		WO02/086090 A2	10/31/02	Jiang et al.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation
/MKJ/		International Search Report from corresponding PCT application PCT/IB03/01374	
↓		Jiang et al.; <i>Aspergillus fumigatus</i> essential gene protein #836; Database Accession No. ABJ26178 XP002252046 (October 2002)	
		Harris et al.; Putative ATP-dependent RNA helicase; Database Accession No. Q8NJM2 XP002252029 (June 2002)	
		Firon et al.; Characterization of essential genes by parasexual genetics in the human fungal pathogen <i>Aspergillus fumigatus</i> : Impact of genomic rearrangements associated with electroporation of DNA; <i>Genetics</i> , Vol. 161 (July 2002) pgs. 1077-1087	
		Timberlake, William; Cloning and analysis of fungal genes; <i>More Gene Manipulations in Fungi</i> (1991) pgs. 51-58 (XP002910123)	
	↓		Groll et al.; Emerging targets for the development of novel antifungal therapeutics; <i>Trends in Microbiology</i> , vol. 6(3) (March 1998) pgs. 117-124

Examiner Signature	<i>Melanie K. Githen</i>	Date Considered	7/4/07
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IDS Form PTO/SB/08: Substitute Information Disclosure Statement by Applicant (Use as many sheets as necessary)				Application Number: 10/507,416 Filing Date: September 13, 2003 First Named Inventor: Grosjean-Cournoyer Art Unit: Not assigned 1636 Examiner Name: Not assigned Joike Attorney Docket Number: 05394.0021-00000	
Sheet	1	of	1		



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/MKJ/		Walsh et al., New targets and delivery systems for antifungal therapy, Medical Mycology (2000) Vol. 38, Supplement 1, pp. 335-347	
		Brown et al.; Insertional mutagenesis of <i>Aspergillus fumigatus</i> , Mol. Gen. Genet. (1998) Vol. 259, pp. 327-335	
		Langin et al.; The transposable element <i>impala</i> , a fungal member of the Tc1-mariner superfamily, Mol. Gen. Genet. (1995) Vol. 246, pp. 19-28	
		Hua-Van et al.; Transposition of autonomous and engineered <i>impala</i> transposons in <i>Fusarium oxysporum</i> and a related species; Mol. Gen. Genet. (2001) Vol. 264, pp. 724-731	
		Hastie, A.C.; Benlate-induced instability of <i>Aspergillus</i> diploids; Nature, (May 1970) Vol. 226 page 771	
		Langfelder et al.; Identification of a polyketide synthase gene (pksP) of <i>Aspergillus fumigatus</i> involved in conidial pigment biosynthesis and virulence; Med. Microbiol. Immunol. (1998) vol. 187, pp. 79-89	
		d'Enfert et al., Transformation System of <i>Aspergillus fumigatus</i> , Contrib. Microbiol. Basel, Karger (1999) Vol. 2, pp. 149-166	
		A. John Clutterbuck, Sexual and parasexual genetics of <i>Aspergillus</i> species; Chapter 1, pp. 3-18	

Examiner Signature	Michelle K. Gable	Date Considered	7/4/07
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/507,416
				Filing Date	September 13, 2004
				First Named Inventor	Grosjean-Courmoyer
				Art Unit	Not assigned — 1636
				Examiner Name	Not assigned — JOKE
Sheet	1	of	1	Attorney Docket Number	05394.0021-00000

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/MKJ/		Brown et al.; Insertional mutagenesis of pathogenic fungi; Current Opinion in Microbiology (1998) Vol. 1, pp. 390-394	
↓		Nafsika Georgopapadakou; Antifungals: mechanism of action and resistance, established and novel drugs; Current Opinion in Microbiology (1998) Vol. 1, pp. 547-557	
↓		Tsai et al.; A developmentally regulated gene cluster involved in conidial pigment biosynthesis in <i>Aspergillus fumigatus</i> ; Journal of Bacteriology (Oct. 1999) Vol. 181, No. 20, pp. 6469-6477	
↓		Villaalba et al.; Transposon <i>impala</i> , a novel tool for gene tagging in the rice blast fungus <i>Magnaporthe grisea</i> , Molecular Plant-Microbe Interactions; (2001) Vol. 14, No. 3, pp. 308-315	

Examiner Signature	Melinda K. Gable	Date Considered	7/4/07
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IDS Form PTO/SB/08: Substitute for form 1449				<b>Comp. Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/501,416
				Filing Date	September 13, 2004
				First Named Inventor	Grosjean-Coumoyer et al.
				Art Unit	<del>Not assigned</del> 1636
				Examiner Name	<del>Not assigned</del> Joice
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/MKJ/		LATGE, JEAN-PAUL, "Aspergillus fumigatus and Aspergillosis", <u>Clinical Microbiology Reviews</u> , Apr. 1999, pp. 310-350, Vol. 12, No. 2, American Society for Microbiology.	
		LIN ET AL., "Aspergillosis Case-Fatality Rate: Systematic Review of the Literature", 26 January 2001, pp. 358-366, <u>Clinical Infectious Diseases</u> 2001:32:358-66, 2001, Infectious Diseases Society of America.	
		LATGE, JEAN-PAUL, "The pathobiology of <i>Aspergillus fumigatus</i> ", <u>Trends in Microbiology</u> , Vol. 9, Issue 8, August 2001, pp. 382-389, 2001 Elsevier Science Ltd.	
		MCNEIL ET AL., "Trends in Mortality Due to Invasive Mycotic Diseases in the United States", 1980-1997, <u>Clinical Infectious Diseases</u> , 30 July 2001, Infectious Diseases Society of America CID 2001:33 (1 September) pp. 641-647.	
		TKACZ ET AL., "Antifungals: what's in the pipeline", <u>Current Opinion in Microbiology</u> 2001, Vol. 4, pp.540-545, 2001 Elsevier Science Ltd.	
		GROLL ET AL., "Emerging targets for the development of novel antifungal therapeutics", <u>Trends in Microbiology</u> , Vol. 6, No. 3 March 1998, pp. 117-124.	
		PERFECT, JOHN R., "Fungal Virulence Genes as Targets for Antifungal Chemotherapy", <u>Antimicrobial Agents and Chemotherapy</u> , July 1996, p. 1577-1583, Vol. 40, No. 7, pp. 1577-1583, American Society for Microbiology.	
		BROWN ET AL., "Signature-tagged and directed mutagenesis identify PABA synthetase as essential for <i>Aspergillus fumigatus</i> pathogenicity", <u>Molecular Microbiology</u> (2000) 36(6), pp. 1371-1380, 2000 Blackwell Science Ltd.	
		REICH, KARL A., "The search for essential genes", <u>Res. Microbiol.</u> 151 (2000) pp. 319-320.	
		ODDS ET AL., "Fungal virulence studies come of age", <u>Genome Biology</u> , Vol. 2, No. 3, pp. 2-4., 5 March 2001 BioMed Central Ltd.	
		WINZELER ET AL., "Functional Characterization of the <i>S. cerevisiae</i> Genome by Gene Deletion and Parallel Analysis", <u>Science</u> , Vol. 285, 6 August 1999, pp. 901-906.	
		VIDAN ET AL., "Large-scale mutagenesis: yeast genetics in the genome era", <u>Current Opinion in Biotechnology</u> , pp. 28-34.	
		DE BACKER ET AL., "An antisense-based functional genomics approach for identification of genes critical for growth of <i>Candida albicans</i> ", <u>Nature Biotechnology</u> , March 2001, Vol. 19, pp. 235-241, Nature Publishing Group.	
		BROOKMAN ET AL., "Molecular genetics in <i>Aspergillus fumigatus</i> ", <u>Current Opinion in Microbiology</u> , 2000, Vol. 3, pp. 468-474, Elsevier Science Ltd.	
		JUDSON, NICHOLAS ET AL., "Transposon-based approaches to identify essential bacterial genes", <u>Trends in Microbiology</u> , Vol. 8, No. 11 November 2000, pp. 521-526, Elsevier Science Ltd.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Application Number</b>	10/587,416
				<b>Filing Date</b>	September 13, 2004
				<b>First Named Inventor</b>	Grosjean-Coumoyer et al.
				<b>Art Unit</b>	Not assigned
				<b>Examiner Name</b>	Not assigned
<b>Sheet</b>	2	of	2	<b>Attorney Docket Number</b>	05394.0021-00000

NON PATENT LITERATURE DOCUMENTS			
/MKJ/		JUDSON ET AL., "TnAraOut, A transposon-based approach to identify and characterize essential bacterial genes", Research Article, <u>Nature Biotechnology</u> , Vol. 18, July 2000 pp. 740-745, Nature America Inc...	
		KUMAR ET AL., "Emerging Technologies in Yeast Genomics", <u>Genetics</u> , April 2001, Vol. 2, No. 4, pp. 302-312 (2001).	
		HAMER ET AL., "Gene discovery and gene function assignment in filamentous fungi", <u>PNAS</u> , Vol. 98, No. 9, April 24, 2001, pp. 5110-5115.	
		NICOSIA ET AL., "Heterologous transposition in <i>Aspergillus nidulans</i> ", <u>Molecular Microbiology</u> (2001) 39(5), 1330-1344, Blackwell Science Ltd.	
		ALTSCHUL ET AL., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", <u>Nucleic Acids Research</u> , 1997, Vol. 25, No. 17, pp. 3389-3402, 1997 Oxford University Press	
		AKERLEY ET AL., "A genome-scale analysis for identification of genes required for growth or survival of <i>Haemophilus influenzae</i> ", <u>PNAS</u> , January 22, 2002, Vol. 99, No. 2, pp.966-971.	
		CRAIG, NANCY L., "Target Site Selection in Transposition, Abstract, <u>Annu. Rev. Biochem.</u> , 1997, Vol. 66, pp. 437-74, Annual Reviews Inc.	
		GIAEVER ET AL., "Genomic profiling of drug sensitivities via induced haploinsufficiency", <u>Nature Genetics</u> , Vol. 21, March 1999, Nature America Inc.	
		CHUN ET AL., "Rapid Amplification of Uncharacterized Transposon-tagged DNA Sequences from Genomic DNA", <u>Yeast</u> , Vol. 13, pp. 233-240 (1997), John Wiley & Sons, Ltd.	
		BOUCHARA ET AL., "The search for virulence determinants in <i>Aspergillus fumigatus</i> ", <u>Trends in Microbiology</u> , Vol. 3, No. 8, August 1995, pp. 327-330, Elsevier Science Ltd.	
Examiner Signature	Michelle K. Jones		Date Considered
			7/14/07

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